

Issue 77 September 12th, 2015

Top links

How can we get more women involved in ham radio?

We are currently dealing with a hobby that is only 15% women that keeps fretting about getting more people involved in it, so why do we allow things that would drive half the population away? amateurradio.com

How Radio Mala laid the groundwork for lifesaving communication

This is a story about a tool — amateur radio — that has helped, and will continue to help save lives. We call ourselves Radio Mala.

Make:

Arkansas Ham tops his own satellite contact distance record

Operating from an old US Forest Service fire tower atop Rich Mountain in western Arkansas, Swanson worked Manuel "Dom" Ruiz in Valencia, Spain via AO-7.

ARRL

FreeDV champion partners with Outernet

The modem will use QPSK, a LDPC code, and deliver payload data at around 2400 bit/s in a 5kHz RF bandwidth.

Rowetel

Morse code used to cheat during chess match

The 37-year-old player was also "batting his eyelids in the most unnatural way", Mr Coqueraut said.

Southgate

Experimenting with the Ham Radio Wilderness Protocol

Just as Morse code was fading in the mid-1990s, the American Radio Relay League proposed the Wilderness Protocol as a way for hikers and campers to call for help in remote areas before mobile cell phone coverage became ubiquitous.

KC4LMD

D-STAR QSO Party 2015 September 18th

possible throughout the world.

Icom

Using HD radio signals for navigation

In this article, we present the results of a study using AM HD Radio, digital radio in the 540–1700 kHz band of the frequency spectrum, with known transmitter locations, to locate and track receiver locations that are otherwise unknown.

GPS World

The Cold War nuke that fried satellites

The explosion – the world's most powerful high altitude nuclear test – created an electromagnetic pulse (EMP) strong enough to disrupt global radio communications.

BBC

VHF-UHF Hams asked to observe Radio Quiet Zones

The National Radio Astronomy Observatory (NRAO) at Green Bank, West, Virginia, has asked that hams notify the facility if they plan to operate within 10 miles of either the Green Bank Telescope or the Sugar Grove Research Station.

ARRL

QSO logger for Android

QSO Secretary is a special logging program, optimized for mobile, portable, and field operations. It has been designed to allow quick entry of important information regarding QSOs.

Google Play

How to

See actual microwaves

In this post I will show you how to actually see microwaves by modifying a coffee can radar which you can build at home.

Hack A Day

Amateur Radio Weekly is curated by K4HCK.

View the archive.

Thank you for reading. 73

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